



POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION 6 SITE NUMBER (to be assigned by HQ)
TX9342

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME VELSICOL-CHEMICAL-CORPORATION		B. STREET (or other identifier) 10201 Bay Area Blvd.	
C. CITY Pasadena	D. STATE TX	E. ZIP CODE 77507	F. COUNTY NAME Harris
G. OWNER/OPERATOR (if known) 1. NAME Mr. Howard Baker, Environmental Coordinator		2. TELEPHONE NUMBER (713)474-2861	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

I. SITE DESCRIPTION

Manufacturer of Agricultural Insecticides. See Attachment A

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) Superfund Notifier (TX S 1563)	K. DATE IDENTIFIED (mo., day, & yr.) 4/12/82
L. PRINCIPAL STATE CONTACT 1. NAME Ms. Susan Ripley, TDWR, Deer Park, TX	2. TELEPHONE NUMBER (713)479-5981

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN	
B. RECOMMENDATION <input checked="" type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: SUPERFUND FILE b. WILL BE PERFORMED BY: JUL 24 1992 <input type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority) REORGANIZED	

C. PREPARER INFORMATION 1. NAME Hilol K. Ray, FIT <i>Hilol K Ray</i>	2. TELEPHONE NUMBER (214)742-4524	3. DATE (mo., day, & yr.) 8/27/82
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III. SITE INFORMATION

A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.) <input type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes.) <input type="checkbox"/> 3. OTHER (specify): (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)	
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): 2879	
C. AREA OF SITE (in acres) Site = 11 (approx.) Total = 100 (approx.)	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg., min., sec.) 29°37'30"N 2. LONGITUDE (deg., min., sec.) 95°02'30"W
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): Office building, maintenance shop etc.	



T232100006

DATE 10-27-82

REVIEWED BY (GREGH)

Continued From Front

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

<input checked="" type="checkbox"/> A. TRANSPORTER	<input checked="" type="checkbox"/> B. STORER	<input checked="" type="checkbox"/> C. TREATER	<input checked="" type="checkbox"/> D. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	<input checked="" type="checkbox"/> 3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
<input checked="" type="checkbox"/> 4. TRUCK	<input checked="" type="checkbox"/> 4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	<input checked="" type="checkbox"/> 4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM./PHYS. TREATMENT	5. MIDNIGHT DUMPING
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	<input checked="" type="checkbox"/> 8. OTHER (specify):
		<input checked="" type="checkbox"/> 9. OTHER (specify): pH control in the neutralization basin	Off site

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

During the FIT inspection, it was noted that the Velsicol Chemical Corporation runs a very clean operation. No evidence of potential hazards or the complainant's allegations were observed (See Attachment A)

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☒ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT None	AMOUNT None	AMOUNT None	AMOUNT 1	AMOUNT None	AMOUNT None
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE 55 gallon drum/ month	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Toluene

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

The closest resident to the site is located about 3 miles away.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD	X			
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☒ 3. STATE PERMIT (specify): Solid Waste Regn. # 30298
☒ 4. AIR PERMITS* ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER (Issed on 12/27/76)
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☒ 10. OTHER (specify): EPA ID # TX D 087 612 321

B. IN COMPLIANCE?

- ☒ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): Above permits (3) and (4)

VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE ☒ B. YES (summarize below)

Federal Lawsuit Docket #VI-R 309-78-25, CA # H-79-446
(Issed on 8/8/78). The lawsuit was settled.

IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
I.S.W.D.C.M.I.**	3/23/82	TDWR	RCRA Inspection

X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

*R 3925 (issued on 6/25/76) and R 4842 (issued on 5/2/79).

These permits do not expire, unless revoked for violations.

**Industrial Solid Waste Disposal Compliance Monitoring Inspection

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-2.

Corresponding
number on form

Additional Remark and/or Explanation

I.I.

According to Mr. Howard Baker, Environmental Coordinator, the Velsicol Chemical Corporation (VCC) started its operations sometime in January 1967. VCC manufactures Diazinon (an insecticide) which is normally spread on vegetables and flowers. The ingredients (chemicals) required to make the insecticides are purchased from different companies who haul these chemicals to the VCC facility in their own trucks. The VCC facility has high levies/dikes around the plant process areas to prevent any type of runoff from the site.

The drums containing the wastes from process operations are stored inside a building on a concrete floor. The drum storage area is well defined with signs warning of hazardous material. The drums are temporarily stored on-site, until a large shipment can be made. For disposal, these wastes are shipped to: Chemical Wastes Management, Inc., Hwy. 73, Port Arthur, Texas. Mr. Baker added, that sometime in April-May, 1981, one shipment (4 drums, 55 gallons each) of hazardous waste (toluene bottoms) was sent to Rollins Environmental, Services, Inc. in Deer Park, Texas. He indicated that was the last time a shipment was made from the facility.

There are three pits on-site, side by side, with clay linings. The middle pit was sealed and capped with concrete. Clear Vel Resin was also dumped into the pit. The two other pits are almost empty and dry, except for small amounts of liquid in them. The pH of waste water is checked/controlled at the neutralization basin. The water in the neutralization basin is monitored daily by the Gulf Coast Waste Disposal Authority (GCWDA), 10800 Bay Area Blvd., Pasadena, Texas 77507, Phone: (713) 474-4114.

As per the complainant's husband, the VCC facility had three pits. The allegations which were made in the summer of 1981 included (i) on-going improper disposal of hazardous wastes, (ii) chemicals bubbling up at edges of the plant, in gutters and along the road at the plant, (iii) effluent is full of chemicals and goes into the ditches around the plant, outside the fenced-in-area.

On August 17, 1982, the FIT contacted Mr. Keith Israel, Staff Engineer, Gulf Coast Waste Disposal Authority, Pasadena, Texas;

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Additional Remark and/or Explanation

(713) 474-4114. Mr. Israel informed the FIIT that GCWDA monitors the effluent criteria by collecting/analyzing the samples daily and is highly satisfied with the VCC operation.

During the FIIT inspection of the VCC facility on August 5, 1982, the pits in questions were observed. There was no evidence to support the allegations of the complainant, nor were any potential hazards to the environment noted.